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# 2000-2001 Cancer Incidence and Mortality Report

Maine Department of Health and Human Services

Maine Center for Disease Control and Prevention

Maine Cancer Registry

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# 2000-2001 Cancer Incidence and Mortality Report Maine Cancer Registry



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Commissioner John R. Nicholas February 2005

## 2000 Cancer Incidence: State, National, and County Comparisons

2000 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

	Both Sexes								
	Count	AAR	Lower CI	Upper CI	SEER Whites				
All Sites	7091	498.2	486.7	510.0	486.0				
Breast	1041	73.3	68.9	78.0	76.5				
Lung	1115	77.7	73.2	82.5	63.9				
Colorectal	837	58.2	54.4	62.4	53.1				
Melanoma	239	17.1	15.0	19.5	21.8				
Cervical									
Oropharyngeal	162	11.4	9.7	13.4	10.6				
Esophageal	76	5.3	4.2	6.7	4.7				
Stomach	110	7.6	6.3	9.3	6.8				
Liver	42	2.9	2.1	4.1	4.6				
Pancreas	157	10.9	9.3	12.8	10.9				
Larynx	65	4.5	3.5	5.9	4.0				
Bladder	407	28.5	25.8	31.4	23.5				
Kidney	178	12.5	10.7	14.6	12.5				
Brain & CNS	115	8.5	7.0	10.3	7.4				
Thyroid	80	6.0	4.7	7.5	7.9				
Hodgkin's	46	3.6	2.6	4.9	3.0				
NHL	271	19.0	16.8	21.5	20.3				
Multiple Myeloma	72	5.0	3.9	6.4	5.4				
Leukemia	188	13.3	11.5	15.4	13.0				

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

2000 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

		<u>.</u>	Males		
	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	3659	583.6	564.7	603.2	569.4
Breast	16	2.6	1.5	4.4	1.2
Lung	636	100.4	92.6	108.7	79.8
Prostate	1135	181.0	170.5	192.1	174.2
Colorectal	385	62.6	56.4	69.4	62.4
Melanoma	147	22.9	19.3	27.1	27.1
Oropharyngeal	109	16.9	13.8	20.5	15.6
Esophageal	59	9.4	7.1	12.3	8.0
Stomach	68	10.6	8.2	13.6	9.9
Liver	32	5.3	3.6	7.7	6.9
Pancreas	75	12.4	9.7	15.8	12.7
Larynx	49	7.5	5.5	10.1	7.1
Testicular	38	6.0	4.2	8.4	6.7
Bladder	284	47.0	41.6	53.1	41.7
Kidney	108	16.9	13.8	20.6	17.7
Brain & CNS	55	8.7	6.5	11.5	8.9
Thyroid	16	2.5	1.4	4.3	4.3
Hodgkin's	28	4.5	3.0	6.8	3.5
NHL	139	21.7	18.2	25.8	24.9
Multiple Myeloma	35	5.6	3.9	8.0	7.1
Leukemia	113	18.4	15.1	22.3	16.6

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

2000 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

		Ţ	Females		
	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	3431	439.0	424.3	454.2	430.0
Breast	1025	133.5	125.4	142.1	141.6
Lung	479	60.2	54.8	66.0	52.6
Colorectal	452	54.4	49.4	59.8	45.9
Melanoma	92	12.2	9.8	15.1	18.1
Cervical	46	6.5	4.7	8.8	7.3
Oropharyngeal	53	6.9	5.1	9.1	6.3
Esophageal	17	2.0	1.2	3.4	2.0
Stomach	42	5.0	3.6	6.9	4.4
Liver	10	1.2	0.6	2.4	2.7
Pancreas	82	9.9	7.8	12.4	9.4
Larynx	16	2.1	1.2	3.6	1.5
Uterine	237	31.0	27.2	35.4	25.9
Ovarian	112	14.7	12.1	17.9	14.7
Bladder	123	15.4	12.7	18.5	10.1
Kidney	70	9.0	7.0	11.6	8.3
Brain & CNS	60	8.5	6.4	11.1	6.1
Thyroid	64	9.4	7.2	12.2	11.6
Hodgkin's	18	2.8	1.6	4.6	2.6
NHL	132	16.7	13.9	20.0	16.5
Multiple Myeloma	37	4.6	3.2	6.5	4.2
Leukemia	75	9.6	7.5	12.2	10.2

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

**ALL CANCER INCIDENCE, 2000** 

		Both Sexes			Males			Females				
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	576	508.4	467.5	552.6	302	622.5	553.9	699.3	274	433.9	383.2	491.2
Aroostook	430	462.0	419.0	509.3	234	561.5	490.9	641.8	196	401.5	346.1	465.4
Cumberland	1290	465.6	440.5	492.1	629	529.3	488.3	573.6	660	423.1	391.0	457.6
Franklin	173	530.1	453.7	618.8	90	631.7	504.2	789.3	83	473.8	376.1	595.3
Hancock	323	513.2	458.4	574.4	157	544.8	462.0	641.8	166	483.5	411.7	567.3
Kennebec	684	526.7	487.9	568.6	383	672.1	605.7	745.6	301	422.5	375.7	474.9
Knox	256	509.8	448.6	579.0	128	572.7	477.4	686.2	128	470.3	390.3	566.0
Lincoln	248	546.5	480.0	621.8	129	608.2	506.8	728.8	119	490.7	404.6	594.0
Oxford	331	496.3	444.0	554.5	177	591.9	506.4	691.3	154	429.8	363.8	507.1
Penobscot	766	510.5	474.9	548.7	390	599.3	539.7	665.2	376	451.2	406.5	500.7
Piscataquis	121	546.1	452.1	658.5	53	489.9	365.8	652.4	68	594.5	457.9	768.6
Sagadahoc	184	517.4	445.0	601.1	92	607.2	486.8	755.5	92	461.3	371.0	572.3
Somerset	337	593.3	531.4	662.2	187	749.5	643.5	872.2	150	485.4	410.3	573.6
Waldo	217	548.7	477.7	629.9	112	616.6	505.5	750.7	105	490.5	400.8	599.1
Washington	249	580.4	509.9	660.3	142	716.9	602.7	851.6	107	468.2	381.7	573.0
York	900	445.4	416.7	476.0	452	506.6	460.2	557.5	448	403.3	366.6	443.5
Maine	7091	498.2	486.7	510.0	3659	583.6	564.7	603.2	3431	439.0	424.3	454.2

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

#### **LUNG CANCER INCIDENCE, 2000**

	Both Sexes			Males			Females					
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	98	86.3	70.0	106.2	52	107.6	80.2	143.7	46	71.8	52.2	98.1
Aroostook	60	63.0	48.0	82.3	34	77.1	53.2	110.6	26	49.6	32.1	75.3
Cumberland	210	76.2	66.2	87.6	115	97.7	80.5	118.4	95	60.4	48.7	74.6
Franklin	29	87.2	58.2	128.8	15	95.9	53.0	167.1	14	77.7	42.0	137.8
Hancock	49	76.4	56.4	102.8	28	97.7	64.4	145.9	21	60.1	36.9	95.7
Kennebec	98	74.9	60.8	92.2	54	93.5	70.0	124.3	44	60.9	44.1	83.5
Knox	41	80.7	57.7	111.8	27	120.6	79.1	180.9	14	47.9	25.8	85.2
Lincoln	37	79.2	55.6	111.7	19	88.6	52.9	144.6	18	71.8	42.2	118.7
Oxford	60	88.5	67.4	115.6	36	119.1	82.6	169.9	24	66.5	42.3	102.5
Penobscot	134	88.6	74.1	105.6	78	115.8	91.0	146.9	56	66.4	50.0	87.6
Piscataquis	17	74.1	42.9	124.2	10	90.9	42.9	179.4	7	54.7	21.1	124.8
Sagadahoc	22	64.3	40.0	101.0	12	80.4	40.8	150.0	10	49.3	23.0	98.1
Somerset	53	91.4	68.3	121.5	40	152.3	108.1	212.8	13	40.4	21.2	73.2
Waldo	37	91.9	64.5	129.8	20	104.5	63.1	168.9	17	79.6	46.1	133.2
Washington	45	104.5	75.9	142.8	26	130.6	84.7	198.2	19	85.4	50.6	140.3
York	124	61.2	50.9	73.6	69	79.2	61.3	101.9	55	49.3	37.1	65.3
Maine	1115	77.7	73.2	82.5	636	100.4	92.6	108.7	479	60.2	54.8	66.0

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

#### **COLORECTAL CANCER INCIDENCE, 2000**

	Both Sexes				Males			Females				
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	63	55.1	42.2	71.5	27	55.4	36.4	83.1	36	54.7	37.9	78.1
Aroostook	54	55.5	41.6	73.6	28	67.1	44.1	100.4	26	46.8	30.4	70.9
Cumberland	155	55.1	46.8	64.9	69	59.2	45.9	76.2	86	51.6	41.1	64.5
Franklin	21	65.2	40.1	103.7	9	65.3	28.4	137.3	12	62.7	31.6	117.6
Hancock	31	48.7	33.0	71.0	14	46.6	25.2	82.6	17	47.2	27.1	79.8
Kennebec	84	64.2	51.2	80.4	41	75.5	53.7	105.1	43	57.2	41.2	78.8
Knox	26	47.9	31.2	72.5	10	44.5	21.0	87.8	16	48.8	27.5	83.7
Lincoln	29	61.2	40.8	90.6	14	67.3	36.1	120.0	15	52.4	28.8	91.5
Oxford	30	44.0	29.6	64.6	15	53.9	29.3	95.0	15	38.8	21.5	67.4
Penobscot	104	70.1	57.2	85.7	48	77.6	56.7	105.4	56	64.8	48.8	85.6
Piscataquis	13	57.9	30.3	105.2	~	~	~	~	2	~	~	~
Sagadahoc	28	78.6	52.0	117.1	11	73.3	35.3	142.5	17	83.5	48.0	140.7
Somerset	36	62.6	43.7	88.7	16	65.4	36.7	112.5	20	62.6	38.0	100.6
Waldo	28	73.2	48.4	109.1	13	77.1	39.9	141.5	15	69.8	38.8	121.0
Washington	28	62.5	41.4	93.0	20	101.5	61.3	163.9	8	29.0	12.2	62.3
York	107	52.9	43.4	64.5	45	49.2	35.7	67.3	62	53.5	40.9	69.6
Maine	837	58.2	54.4	62.4	385	62.6	56.4	69.4	452	54.4	49.4	59.8

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

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FEMALE BREAST CANCER INCIDENCE, 2000

		Fema	ales	
	Count	AAR	Lower CI	Upper CI
Androscoggin	80	131.9	104.3	166.5
Aroostook	57	124.4	93.7	164.4
Cumberland	211	137.2	119.1	157.9
Franklin	22	129.3	80.3	203.6
Hancock	47	136.1	99.5	184.9
Kennebec	83	119.1	94.7	149.4
Knox	40	152.2	107.7	213.2
Lincoln	40	167.3	118.8	233.5
Oxford	40	114.4	81.3	159.5
Penobscot	108	131.2	107.4	159.8
Piscataquis	20	172.6	104.1	279.0
Sagadahoc	27	135.3	88.7	203.2
Somerset	45	147.3	107.1	201.1
Waldo	26	121.9	79.3	184.3
Washington	33	146.2	99.5	212.2
York	144	130.8	110.2	155.0
Maine	1025	133.5	125.4	142.1

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

#### PROSTATE CANCER INCIDENCE, 2000

		Ma	les	
	Count	AAR	Lower CI	Upper CI
Androscoggin	103	214.9	175.2	263.0
Aroostook	68	166.5	128.7	214.7
Cumberland	188	157.2	135.4	182.4
Franklin	34	246.2	167.9	356.9
Hancock	49	168.1	123.8	226.8
Kennebec	133	231.3	193.3	276.5
Knox	39	170.2	120.7	237.8
Lincoln	46	213.8	156.0	290.9
Oxford	63	206.7	158.2	269.0
Penobscot	89	144.2	114.6	180.8
Piscataquis	17	155.9	89.9	262.0
Sagadahoc	31	206.6	139.0	303.0
Somerset	60	245.7	185.8	323.5
Waldo	35	193.8	133.7	278.0
Washington	41	203.8	145.6	283.0
York	139	154.1	129.2	183.5
Maine	1135	181.0	170.5	192.1

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

### 2001 Cancer Incidence: State, National, and County Comparisons

2001 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

			Both Sexes		
	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	7392	515.1	503.4	527.1	478.2
Breast	1096	76.5	72.1	81.3	75.9
Lung	1146	79.1	74.6	83.9	62.1
Colorectal	790	54.4	50.7	58.4	51.1
Melanoma	281	20.2	17.9	22.8	22.6
Oropharyngeal	191	13.4	11.6	15.5	10.5
Esophageal	87	6.0	4.8	7.5	4.7
Stomach	97	6.7	5.4	8.3	6.3
Liver	52	3.6	2.7	4.8	4.0
Pancreas	159	11.0	9.3	12.9	10.5
Larynx	63	4.3	3.3	5.6	3.5
Bladder	392	27.1	24.5	30.0	23.1
Kidney	218	15.1	13.2	17.3	12.2
Brain & CNS	86	6.2	4.9	7.7	7.0
Thyroid	97	7.3	5.9	9.0	8.4
Hodgkin's	36	2.8	1.9	3.9	2.7
NHL	284	19.8	17.6	22.4	19.7
Multiple Myeloma	73	5.0	4.0	6.4	5.0
Leukemia	197	14.0	12.1	16.2	12.8

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

2001 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

	Males								
	Count	AAR	Lower CI	Upper CI	SEER Whites				
All Sites	3866	612.0	592.7	632.0	556.5				
Breast	11	1.7	0.8	3.3	1.3				
Lung	626	99.6	91.9	108.0	77.3				
Prostate	1181	184.3	173.8	195.3	173.5				
Colorectal	398	65.2	58.9	72.2	59.9				
Melanoma	154	23.5	19.9	27.7	27.4				
Oropharyngeal	121	18.4	15.3	22.2	15.0				
Esophageal	75	11.4	9.0	14.5	8.2				
Stomach	63	10.7	8.1	13.9	9.4				
Liver	36	5.9	4.1	8.5	6.0				
Pancreas	88	13.7	11.0	17.1	12.4				
Larynx	46	7.0	5.1	9.5	6.1				
Testicular	39	6.2	4.4	8.7	6.3				
Bladder	297	48.5	43.1	54.6	40.7				
Kidney	138	21.2	17.8	25.3	16.9				
Brain & CNS	49	7.5	5.6	10.1	8.4				
Thyroid	21	3.2	2.0	5.0	4.4				
Hodgkin's	19	3.0	1.8	4.9	3.1				
NHL	148	23.4	19.8	27.7	24.0				
Multiple Myeloma	43	6.6	4.8	9.1	6.1				
Leukemia	115	18.8	15.5	22.8	16.5				

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

2001 Age-Adjusted Cancer Incidence Rates per 100,000 (2000 US Population) in Maine

		-	Females	-	
	Count	AAR	Lower CI	Upper CI	SEER Whites
All Sites	3525	449.6	434.8	465.0	425.0
Breast	1085	140.9	132.5	149.7	140.8
Lung	520	65.0	59.5	71.0	51.0
Colorectal	391	46.8	42.2	51.8	44.1
Melanoma	127	17.1	14.2	20.6	19.3
Cervical	66	9.2	7.1	11.9	7.3
Oropharyngeal	70	9.2	7.2	11.8	6.6
Esophageal	12	1.5	0.8	2.8	1.9
Stomach	34	4.0	2.8	5.8	3.9
Liver	16	1.9	1.1	3.2	2.4
Pancreas	71	8.5	6.6	10.9	9.0
Larynx	17	2.2	1.3	3.7	1.3
Uterine	241	31.5	27.6	35.9	26.1
Ovarian	107	13.5	11.0	16.4	14.9
Bladder	94	11.5	9.3	14.2	10.3
Kidney	80	10.1	8.0	12.7	8.5
Brain & CNS	37	5.0	3.5	7.0	5.8
Thyroid	76	11.1	8.7	14.1	12.4
Hodgkin's	17	2.6	1.5	4.4	2.3
NHL	136	17.1	14.3	20.4	16.2
Multiple Myeloma	30	3.7	2.5	5.4	4.1
Leukemia	82	10.4	8.2	13.1	10.0

Maine rates are significantly lower than the SEER White rates.

Maine rates are significantly higher than the SEER White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

SEER: Surveillance, Epidemiology, and End Results (national comparison)

AAR: Age Adjusted Rate

#### **ALL CANCER INCIDENCE, 2001**

		Both	Sexes			Ma	ales			Fen	nales	
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	573	507.6	466.8	552.0	314	647.0	576.9	725.3	259	418.6	368.3	475.5
Aroostook	490	531.9	485.5	582.7	288	696.7	617.6	785.7	202	416.6	359.9	481.8
Cumberland	1345	481.6	456.2	508.5	677	565.5	523.3	611.0	668	426.3	394.3	460.9
Franklin	175	535.5	458.7	624.7	92	610.2	489.9	758.3	83	481.6	382.6	604.6
Hancock	355	558.2	501.3	621.3	175	598.5	512.2	698.6	180	525.7	450.4	613.1
Kennebec	647	496.5	458.9	537.1	338	600.4	537.3	670.8	309	431.8	384.6	484.6
Knox	258	500.3	440.5	567.9	142	622.4	523.8	738.7	116	409.6	336.6	497.7
Lincoln	229	500.4	436.4	573.4	126	590.0	490.2	709.2	103	438.4	354.4	541.0
Oxford	360	540.1	485.4	600.9	201	659.8	570.3	762.9	159	443.4	376.3	522.0
Penobscot	800	531.7	495.4	570.6	407	621.5	560.9	688.5	392	474.7	428.7	525.6
Piscataquis	112	504.8	414.2	614.1	55	528.0	395.9	700.4	57	506.1	379.0	672.2
Sagadahoc	193	527.5	455.3	610.6	105	647.7	527.1	794.4	88	442.1	354.0	550.7
Somerset	326	566.9	506.9	633.8	168	661.7	563.3	776.4	158	506.7	430.2	596.1
Waldo	192	465.5	401.5	539.2	100	518.8	420.2	639.0	92	423.4	340.8	524.8
Washington	278	650.8	576.0	735.1	141	743.9	624.5	884.9	137	608.1	508.1	726.7
York	1038	499.2	469.2	531.0	526	569.7	521.3	622.5	512	449.0	410.8	490.8
Maine	7392	515.1	503.4	527.1	3866	612.0	592.7	632.0	3525	449.6	434.8	465.0

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

#### **LUNG CANCER INCIDENCE, 2001**

		Both	Sexes		Males			Females				
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	101	88.7	72.2	108.8	57	116.3	87.9	153.2	44	67.4	48.6	92.8
Aroostook	80	84.6	67.0	106.6	50	122.5	90.4	165.0	30	58.4	39.1	86.0
Cumberland	206	73.6	63.9	84.8	97	82.4	66.7	101.7	109	68.4	56.1	83.4
Franklin	23	68.3	43.1	106.2	13	89.1	45.8	164.6	10	56.6	26.7	111.8
Hancock	50	77.0	57.0	103.3	26	89.5	58.1	135.8	24	68.3	43.5	105.2
Kennebec	95	72.3	58.5	89.3	46	82.8	60.3	113.1	49	66.8	49.3	90.0
Knox	32	60.3	41.1	87.4	16	69.9	39.6	119.1	16	54.7	30.9	93.5
Lincoln	27	57.1	37.5	85.7	19	86.5	51.6	141.2	8	33.6	14.1	72.2
Oxford	55	81.5	61.3	107.8	35	117.6	81.2	168.6	20	56.7	34.3	91.3
Penobscot	161	107.1	91.1	125.7	88	140.3	111.5	176.1	73	86.2	67.5	109.8
Piscataquis	16	70.4	39.9	120.0	~	~	2	~	~	~	~	~
Sagadahoc	27	75.9	49.8	113.9	13	79.4	41.5	144.6	14	71.5	38.8	126.6
Somerset	47	80.2	58.8	108.6	30	108.7	73.0	159.9	17	54.3	31.4	91.1
Waldo	28	67.0	44.3	99.8	19	102.5	60.5	168.7	9	39.9	18.0	81.7
Washington	46	103.8	75.8	141.1	27	143.8	93.8	217.0	19	77.3	46.2	126.0
York	149	71.3	60.3	84.3	75	81.0	63.4	103.1	74	65.2	51.2	82.9
Maine	1146	79.1	74.6	83.9	626	99.6	91.9	108.0	520	65.0	59.5	71.0

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

~: Cell size less than 6 suppressed

#### **COLORECTAL CANCER INCIDENCE, 2001**

	Both Sexes				Males			Females				
	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI	Count	AAR	Lower CI	Upper CI
Androscoggin	55	47.5	35.7	62.8	34	73.3	50.4	105.3	21	32.0	19.4	51.3
Aroostook	70	74.4	57.9	95.3	47	111.9	81.8	152.1	23	43.9	27.6	68.6
Cumberland	149	52.6	44.5	62.1	71	62.5	48.6	80.0	78	46.2	36.4	58.5
Franklin	14	42.9	23.2	75.8	6	39.2	13.9	94.8	8	46.1	19.5	98.9
Hancock	23	35.0	22.1	54.3	10	35.2	16.4	70.1	13	36.3	19.0	66.0
Kennebec	70	53.4	41.6	68.4	39	77.3	54.4	108.7	31	41.0	27.8	60.0
Knox	23	42.4	26.7	65.9	10	44.4	21.0	87.6	13	42.0	21.9	76.6
Lincoln	33	68.2	46.8	98.3	14	66.1	35.7	117.3	19	68.7	40.8	112.4
Oxford	23	33.3	21.0	51.7	13	42.0	21.9	76.7	10	25.8	12.2	51.2
Penobscot	78	52.2	41.2	65.9	35	51.5	35.6	73.7	42	49.0	35.2	67.6
Piscataquis	10	41.8	19.7	82.4	~	~	~	~	~	~	~	~
Sagadahoc	12	33.3	17.0	61.8	~	~	~	~	2	~	~	~
Somerset	41	71.7	51.4	99.3	16	64.4	36.1	110.8	25	73.9	47.6	113.0
Waldo	23	56.7	35.8	88.2	10	53.6	24.8	107.5	13	58.2	30.7	105.3
Washington	37	83.1	58.3	117.1	18	94.8	55.4	157.5	19	76.7	45.7	125.5
York	149	71.3	60.3	84.3	75	81.0	63.4	103.1	74	65.2	51.2	82.9
Maine	790	54.4	50.7	58.4	398	65.2	58.9	72.2	391	46.8	42.2	51.8

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

~: Cell size less than 6 suppressed

FEMALE BREAST CANCER INCIDENCE, 2001

		Fema	iles	
	Count	AAR	Lower CI	Upper CI
Androscoggin	88	147.2	117.7	183.7
Aroostook	54	112.1	83.7	149.3
Cumberland	194	126.9	109.6	147.0
Franklin	28	165.3	109.2	246.6
Hancock	60	177.6	134.9	232.9
Kennebec	107	151.6	124.1	185.0
Knox	37	130.9	91.4	185.5
Lincoln	30	125.5	84.0	184.8
Oxford	59	162.7	123.4	213.5
Penobscot	108	133.0	109.0	162.0
Piscataquis	14	121.7	65.1	217.8
Sagadahoc	36	184.3	128.7	261.2
Somerset	40	133.2	94.9	185.4
Waldo	19	86.0	51.5	139.9
Washington	42	192.8	137.7	267.8
York	167	148.8	127.0	174.1
Maine	1085	140.9	132.5	149.7

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

#### **PROSTATE CANCER INCIDENCE, 2001**

		Ma	les	
	Count	AAR	Lower CI	Upper CI
Androscoggin	98	200.4	162.5	246.7
Aroostook	90	215.4	172.8	268.0
Cumberland	212	177.0	153.8	203.5
Franklin	36	229.5	160.1	325.7
Hancock	65	216.9	166.9	280.8
Kennebec	101	173.7	141.2	213.3
Knox	56	242.2	182.7	319.6
Lincoln	32	144.8	98.6	210.3
Oxford	68	215.1	166.5	276.9
Penobscot	97	142.7	115.2	176.2
Piscataquis	15	138.9	76.9	241.6
Sagadahoc	29	183.3	121.2	273.1
Somerset	54	220.9	164.4	295.0
Waldo	23	119.9	75.2	187.3
Washington	48	250.4	183.7	339.1
York	151	162.1	136.9	191.6
Maine	1181	184.3	173.8	195.3

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

# **2000 Cancer Mortality: State and National Comparisons**

2000 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

		-	Both Sexes	-	
	Count	AAR	Lower CI	Upper CI	US Whites
All Sites	3070	211.9	204.4	219.5	196.2
Lung	896	62.0	58.0	66.2	56.0
Colorectal	335	22.9	20.5	25.6	20.1
Melanoma	36	2.5	1.8	3.6	3.0
Oropharyngeal	44	3.0	2.2	4.1	2.5
Esophageal	86	5.9	4.7	7.4	4.3
Stomach	73	5.0	3.9	6.4	4.0
Liver	52	3.6	2.7	4.7	4.2
Pancreas	166	11.4	9.7	13.3	10.3
Larynx	23	1.6	1.0	2.4	1.3
Bladder	83	5.7	4.5	7.1	4.5
Kidney	70	4.9	3.8	6.2	4.3
Brain & CNS	71	5.0	3.9	6.3	4.9
Thyroid	9	0.6	0.3	1.2	0.5
Hodgkin's	11	0.8	0.4	1.5	0.5
NHL	115	7.9	6.5	9.5	8.5
Multiple Myeloma	52	3.6	2.7	4.7	3.5
Leukemia	99	6.9	5.6	8.4	7.9

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

2000 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

2000 Ago Alajuotou	Males								
	Count	AAR	Lower CI	Upper CI	US Whites				
All Sites	1547	256.7	243.9	270.1	243.1				
Breast	1	0.1	0.0	1.1	0.4				
Lung	499	79.6	72.7	87.0	75.4				
Prostate	147	28.5	24.0	33.6	27.7				
Colorectal	145	24.1	20.3	28.5	24.4				
Melanoma	20	3.4	2.0	5.3	4.3				
Oropharyngeal	30	4.8	3.2	6.9	3.7				
Esophageal	62	9.8	7.5	12.7	7.6				
Stomach	42	7.0	5.0	9.6	5.6				
Liver	36	5.8	4.0	8.2	6.1				
Pancreas	86	13.9	11.1	17.3	12.0				
Larynx	16	2.6	1.5	4.4	2.3				
Testicular	1	0.2	0.0	1.2	0.3				
Bladder	60	10.8	8.2	14.1	7.9				
Kidney	38	6.0	4.2	8.3	6.2				
Brain & CNS	36	5.4	3.8	7.6	6.0				
Thyroid	3	0.5	0.1	1.6	0.5				
Hodgkin's	6	1.0	0.3	2.3	0.6				
NHL	62	10.9	8.3	14.0	10.6				
Multiple Myeloma	24	4.2	2.6	6.3	4.4				
Leukemia	56	9.4	7.1	12.3	10.5				

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

2000 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

		Females								
	Count	AAR	Lower CI	Upper CI	US Whites					
All Sites	1523	182.3	173.2	191.9	165.9					
Breast	197	24.1	20.8	27.8	26.2					
Lung	397	48.8	44.1	54.0	42.1					
Colorectal	190	21.4	18.4	24.8	17.0					
Melanoma	16	2.1	1.2	3.6	2.0					
Cervical	14	1.8	1.0	3.2	2.5					
Oropharyngeal	14	1.7	0.9	3.1	1.6					
Esophageal	24	2.8	1.8	4.4	1.7					
Stomach	31	3.5	2.4	5.2	2.8					
Liver	16	1.8	1.0	3.2	2.7					
Pancreas	80	9.2	7.3	11.7	9.0					
Larynx	7	0.9	0.4	2.1	0.5					
Uterine	33	3.8	2.6	5.5	3.8					
Ovarian	93	11.5	9.3	14.2	9.2					
Bladder	23	2.5	1.6	4.0	2.3					
Kidney	32	4.0	2.7	5.8	2.8					
Brain & CNS	35	4.6	3.2	6.6	3.9					
Thyroid	6	0.7	0.3	1.7	0.5					
Hodgkin's	5	0.6	0.2	1.7	0.4					
NHL	53	6.1	4.5	8.1	7.0					
Multiple Myeloma	28	3.3	2.2	5.0	3.0					
Leukemia	43	5.1	3.6	7.0	6.0					

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

## 2001 Cancer Mortality: State and National Comparisons

2001 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

	Both Sexes							
	Count	AAR	Lower CI	Upper CI	US Whites			
All Sites	3045	207.2	199.9	214.7	193.3			
Lung	860	58.6	54.8	62.7	55.5			
Colorectal	313	21.1	18.9	23.7	19.5			
Melanoma	48	3.3	2.4	4.4	3.0			
Oropharyngeal	46	3.1	2.3	4.2	2.6			
Esophageal	69	4.7	3.7	6.0	4.3			
Stomach	66	4.4	3.4	5.7	3.8			
Liver	51	3.5	2.6	4.6	4.3			
Pancreas	159	10.6	9.2	12.7	10.4			
Larynx	13	0.9	0.5	1.6	1.2			
Bladder	92	6.3	5.1	7.7	4.5			
Kidney	63	4.3	3.3	5.5	4.3			
Brain & CNS	69	4.9	3.8	6.2	4.8			
Thyroid	7	0.5	0.2	1.1	0.5			
Hodgkin's	6	0.4	0.2	1.0	0.5			
NHL	124	8.4	7.0	10.1	8.2			
Multiple Myeloma	64	4.3	3.3	5.6	3.5			
Leukemia	95	6.4	5.2	7.9	7.8			

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

2001 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

Zoo'i Age Adjust		Males								
	Count	AAR	Lower CI	Upper CI	US Whites					
All Sites	1609	263.5	250.6	277.0	238.8					
Lung	492	79.2	72.3	86.7	74.1					
Prostate	184	33.2	28.5	38.5	26.6					
Colorectal	157	26.2	22.2	30.7	23.7					
Melanoma	30	4.8	3.2	6.9	4.4					
Oropharyngeal	32	4.9	3.4	7.1	3.9					
Esophageal	54	8.1	6.1	10.7	7.6					
Stomach	42	7.1	5.1	9.7	5.4					
Liver	27	4.3	2.8	6.3	6.3					
Pancreas	87	13.9	11.1	17.3	12.0					
Larynx	11	1.7	0.8	3.2	2.3					
Testicular	~	~	~	~	0.3					
Bladder	61	9.9	7.6	12.8	7.9					
Kidney	41	6.4	4.6	8.9	6.3					
Brain & CNS	38	5.8	4.1	8.0	5.9					
Thyroid	~	~	~	~	0.5					
Hodgkin's	~	~	~	~	0.6					
NHL	55	8.5	6.4	11.1	10.2					
Multiple Myeloma	30	4.9	3.3	7.1	4.4					
Leukemia	47	8.0	5.9	10.8	10.4					

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

~: Cell size less than 6 suppressed

2001 Age-Adjusted Cancer Mortality Rates per 100,000 (2000 US Population) in Maine

	Females							
	Count	AAR	Lower CI	Upper CI	US Whites			
All Sites	1436	170.0	161.2	179.2	163.2			
Breast	182	21.9	18.8	25.4	25.4			
Lung	368	44.6	40.2	49.6	42.0			
Colorectal	156	17.6	14.9	20.8	16.4			
Melanoma	18	2.2	1.3	3.6	2.0			
Cervical	12	1.6	0.8	2.9	2.4			
Oropharyngeal	14	1.6	0.9	2.9	1.5			
Esophageal	15	1.7	1.0	3.0	1.7			
Stomach	24	2.8	1.8	4.3	2.7			
Liver	24	2.9	1.8	4.5	2.7			
Pancreas	72	8.4	6.6	10.8	9.0			
Larynx	~	~	~	~	0.5			
Uterine	43	4.9	3.5	6.8	3.9			
Ovarian	83	10.2	8.1	12.7	9.3			
Bladder	31	3.5	2.4	5.2	2.2			
Kidney	22	2.7	1.7	4.2	2.8			
Brain & CNS	31	4.0	2.7	5.9	3.9			
Thyroid	~	~	~	~	0.5			
Hodgkin's	~	~	~	~	0.4			
NHL	69	8.0	6.2	10.3	6.7			
Multiple Myeloma	34	3.9	2.7	5.6	2.9			
Leukemia	48	5.5	4.0	7.4	6.0			

Maine rates are significantly lower than the US White rates.

Maine rates are significantly higher than the US White rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

~: Cell size less than 6 suppressed

## 1999-2001 Cancer Mortality: State and County Comparisons

#### **ALL CANCER MORTALITY, 1999-2001**

ALL OAKOLK MOK	<b>,</b>								
	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI
Androscoggin	209.7	194.8	225.6	277.4	250.3	306.9	166.9	149.4	186.1
Aroostook	198.9	182.8	216.3	251.5	223.9	282.2	160.7	141.5	182.6
Cumberland	208.7	199.1	218.7	257.8	240.7	275.8	180.2	168.5	192.6
Franklin	218.0	189.8	250.2	275.8	225.1	336.0	186.9	152.2	229.7
Hancock	215.1	194.8	237.5	240.7	207.1	278.8	206.6	180.0	237.3
Kennebec	207.2	193.2	222.0	244.2	220.5	270.0	184.5	167.0	203.6
Knox	214.0	191.6	239.0	258.1	220.8	300.9	186.7	158.5	220.2
Lincoln	224.3	200.1	251.8	271.6	231.6	318.9	192.9	162.6	230.3
Oxford	206.9	187.5	228.2	262.1	228.3	300.2	168.6	145.5	195.6
Penobscot	219.2	205.7	233.5	275.5	251.3	301.9	185.5	169.1	203.2
Piscataquis	205.0	172.8	244.0	265.4	210.3	335.4	155.3	118.8	207.1
Sagadahoc	191.8	166.4	220.5	241.9	197.4	294.2	157.7	127.8	193.9
Somerset	232.7	210.4	257.2	314.9	274.0	360.8	180.7	154.7	210.7
Waldo	213.3	187.5	241.9	260.3	216.9	310.6	178.9	147.9	215.9
Washington	231.0	205.8	259.3	279.7	237.9	328.3	198.8	167.0	236.6
York	207.5	196.2	219.3	252.7	233.2	273.7	178.6	164.8	193.6
Maine	211.1	206.8	215.5	261.5	254.0	269.2	179.2	173.9	184.6

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

**LUNG CANCER MORTALITY, 1999-2001** 

	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI
Androscoggin	68.3	59.8	77.7	100.9	85.1	119.1	45.5	36.4	56.5
Aroostook	56.6	48.2	66.4	79.1	64.1	97.2	39.9	30.7	52.0
Cumberland	58.2	53.2	63.7	70.9	62.2	80.5	50.1	44.0	57.1
Franklin	57.6	43.6	75.7	77.0	51.4	112.8	47.6	31.0	73.3
Hancock	51.8	42.1	63.7	61.9	45.9	82.5	46.7	34.4	63.6
Kennebec	50.3	43.5	58.0	62.0	50.6	75.7	42.9	34.6	53.0
Knox	48.2	37.9	61.2	67.9	49.4	92.1	33.8	22.8	50.6
Lincoln	67.5	54.4	84.0	81.8	60.8	110.6	55.3	39.9	78.6
Oxford	59.9	49.7	72.0	80.9	63.0	103.2	46.4	34.4	62.7
Penobscot	66.3	59.0	74.4	90.4	76.9	106.0	49.8	41.5	59.6
Piscataquis	64.0	46.4	88.9	93.4	62.3	140.1	38.3	21.2	73.5
Sagadahoc	59.4	45.6	76.7	83.3	58.6	115.9	40.4	26.0	61.6
Somerset	64.6	53.1	78.2	103.2	80.8	130.8	37.6	26.3	53.2
Waldo	56.1	43.5	71.7	66.0	46.1	92.8	48.0	32.6	69.9
Washington	75.3	61.1	92.6	105.8	81.1	137.4	53.2	36.9	76.0
York	59.1	53.1	65.6	76.2	65.8	88.1	47.4	40.4	55.5
Maine	59.5	57.3	61.9	78.8	74.8	83.1	46.1	43.5	49.0

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

**COLORECTAL CANCER MORTALITY, 1999-2001** 

	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI	AAR	Lower CI	Upper CI
Androscoggin	18.3	14.1	23.5	22.1	15.0	31.7	15.3	10.5	22.1
Aroostook	24.9	19.5	31.9	32.8	23.3	45.6	19.1	13.0	28.1
Cumberland	23.8	20.6	27.3	25.0	19.8	31.3	23.3	19.3	28.1
Franklin	25.3	16.4	38.5	40.0	21.7	69.4	17.8	8.4	37.1
Hancock	23.9	17.6	32.5	19.7	11.4	32.7	25.2	16.9	38.2
Kennebec	22.1	17.7	27.4	27.8	20.2	37.7	17.6	12.6	24.5
Knox	23.4	16.5	33.1	22.5	12.6	38.7	24.0	15.0	39.0
Lincoln	23.4	16.1	34.7	27.9	16.5	47.7	19.3	10.5	37.0
Oxford	18.4	12.9	25.9	24.5	15.3	38.2	12.0	6.7	21.8
Penobscot	23.4	19.1	28.4	29.2	21.6	39.0	19.7	14.7	26.2
Piscataquis	15.3	7.6	31.6	10.4	2.1	39.1	18.2	7.7	48.6
Sagadahoc	13.8	7.7	23.6	19.5	8.3	39.6	11.7	4.7	26.3
Somerset	30.0	22.3	39.9	31.5	19.5	49.1	29.6	19.8	43.8
Waldo	31.1	21.7	43.6	32.3	18.1	54.2	30.4	18.5	48.8
Washington	26.2	18.4	37.4	29.7	17.2	49.8	22.3	13.3	37.9
York	21.1	17.6	25.2	25.1	19.3	32.4	17.4	13.4	22.6
Maine	22.7	21.3	24.2	26.3	23.9	28.8	20.0	18.3	21.8

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

FEMALE BREAST CANCER MORTALITY, 1999-2001

	AAR	Lower CI	Upper CI
Androscoggin	27.8	20.9	36.6
Aroostook	23.9	16.9	33.9
Cumberland	23.1	19.0	28.0
Franklin	23.2	11.9	44.3
Hancock	24.0	15.5	37.4
Kennebec	29.7	22.9	38.4
Knox	17.9	10.1	32.1
Lincoln	13.8	6.6	30.4
Oxford	18.4	11.5	29.7
Penobscot	22.4	16.9	29.4
Piscataquis	17.7	7.0	48.5
Sagadahoc	23.3	12.9	40.7
Somerset	18.0	10.4	30.1
Waldo	25.8	15.0	43.3
Washington	34.0	21.8	53.1
York	28.0	22.6	34.4
Maine	24.3	22.3	26.4

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.

AAR: Age Adjusted Rate

#### PROSTATE CANCER MORTALITY, 1999-2001

	AAR	Lower CI	Upper CI
Androscoggin	27.0	18.8	37.8
Aroostook	30.0	20.6	42.8
Cumberland	30.2	24.3	37.1
Franklin	35.6	19.2	62.6
Hancock	34.2	21.7	51.7
Kennebec	22.1	15.1	31.5
Knox	32.7	20.2	51.3
Lincoln	38.7	23.8	62.1
Oxford	35.4	22.8	53.0
Penobscot	30.4	21.9	41.3
Piscataquis	14.3	3.8	44.6
Sagadahoc	30.6	15.6	54.5
Somerset	36.7	23.0	56.3
Waldo	29.0	14.9	51.4
Washington	40.1	24.9	62.8
York	27.3	20.7	35.4
Maine	30.0	27.3	32.9

County rates are significantly lower than the Maine rates.

County rates are significantly higher than the Maine rates.

Note: All rates are calculated per 100,000 and age-adjusted to the 2000 US Population Standard.